imgix Commerce Cloud Integration Documentation

v22.1.0

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Introduction

The imgix cartridge allows users to add images from imgix's Image Manager quickly and easily to Page Designer, and to integrate Product images with imgix. Leverage the power of imgix's Image Manager to search, transform, and insert images seamlessly; all from within Commerce Cloud. imgix is a powerful image service that optimizes images for any device and serves them quickly anywhere in the world. Choose the best images for your products and pages without thinking twice about proper formats, correct sizing, or minimizing image weight without sacrificing visual quality.

Installation Guide

Download the cartridges

You can download the cartridges from their GitHub repository (https://github.com/imgix/sf-commerce-cloud).

Install the dependencies

Browse to the downloaded repository and install the dependencies.

```
$ cd sf-commerce-cloud/
$ npm i
```

Install the cartridges in the sandbox

You can alternatively use Salesforce UX Studio or the `sgmf-scripts` tool to upload and link your cartridges. Look to their documentation for information on how to upload using them.

We recommend you open the downloaded cartridges folder in VSCode and use the Prophet extension to upload the cartridge.

Upload the cartridge to the sandbox

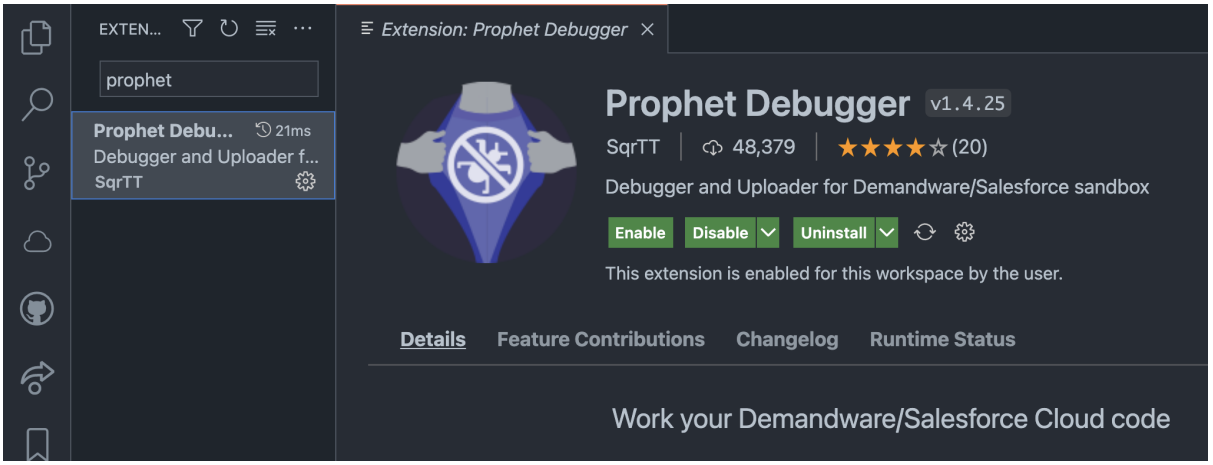
1. **Create a `dw.json` file at the download folder's root directory.**

This file stores your SFCC credentials. The Prophet extension will use this file to read from and write to your SFCC sandbox.

```
{
    "hostname": "your-sandbox-hostname.demandware.net",
    "username": "your-login",
    "password": "your-password",
    "version": "code-version-to-upload-to"
}
```

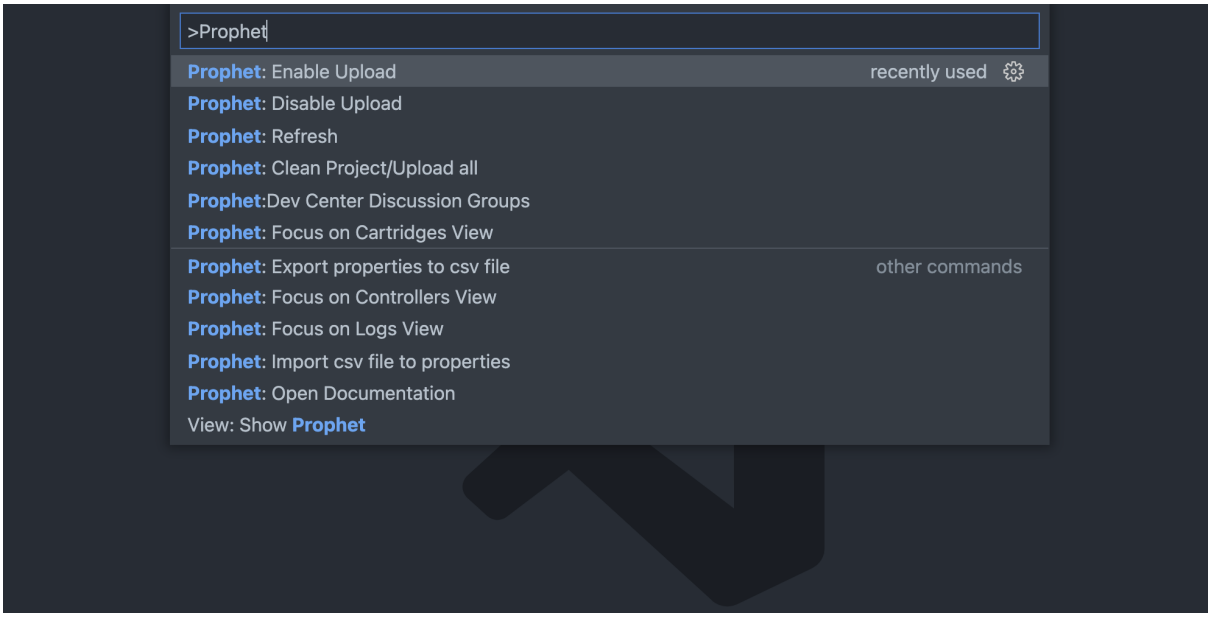
2. Install the Prophet Extension

The Prophet extension allows you to manage your SFCC cartridges inside VSCode. You can download it here: https://marketplace.visualstudio.com/items?itemName=SqrTT.prophet

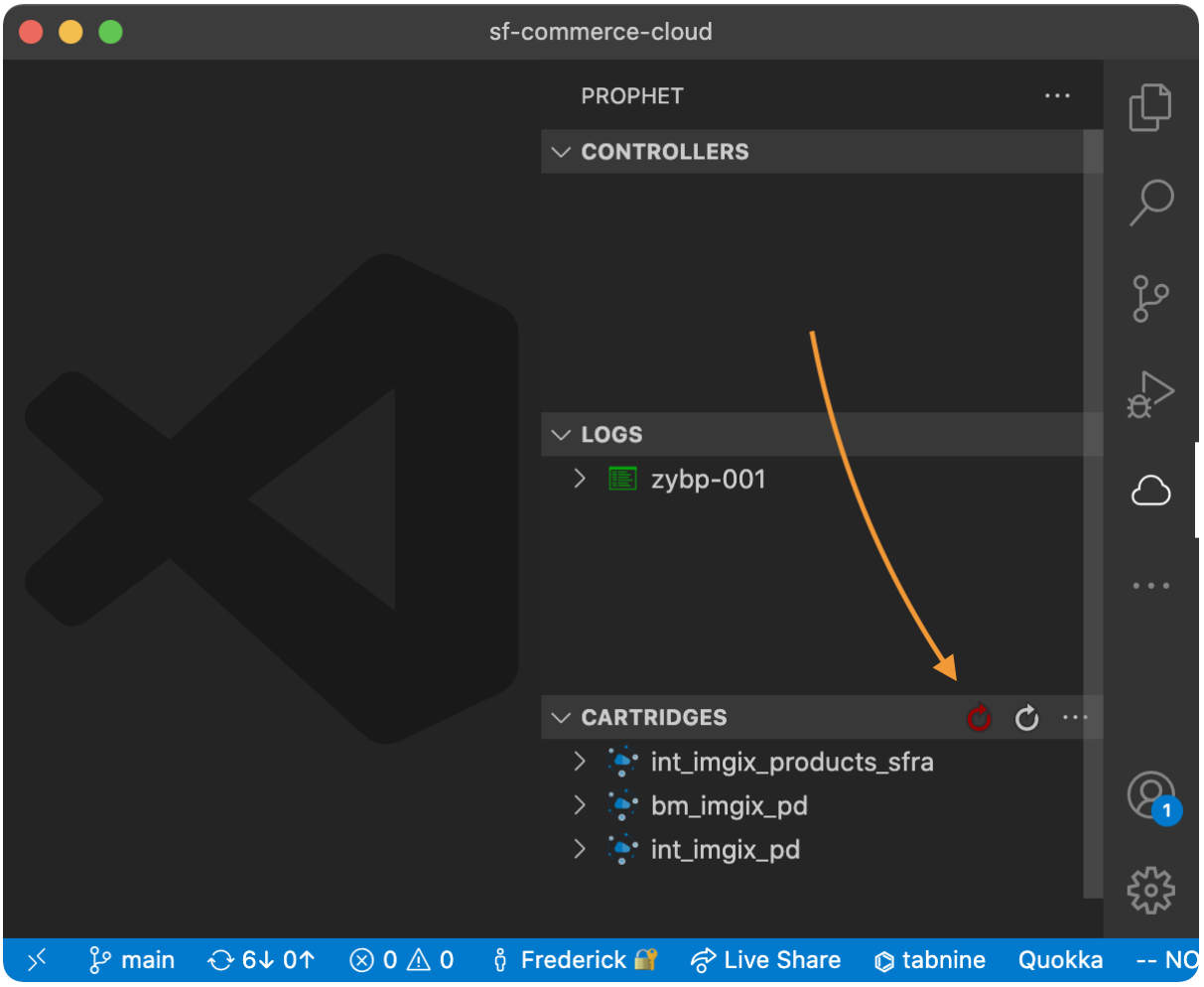


3. Enable uploading in the Prophet extension

Once it's installed, open the VSCode command palette and search for and select `Prophet: enable upload`.



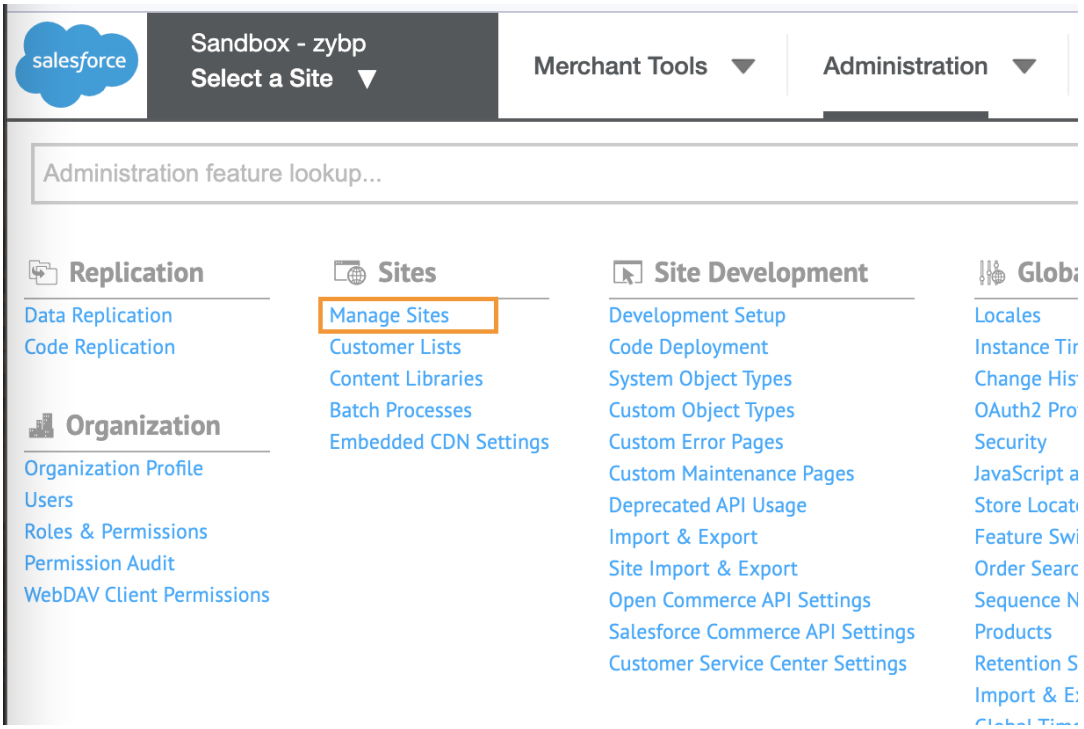
Then, in the Prophet extension, click on the red circle-arrow to force upload all the detected cartridges. Make sure you select "Leave All" if a dialog asks you if you would like to leave existing cartridges.



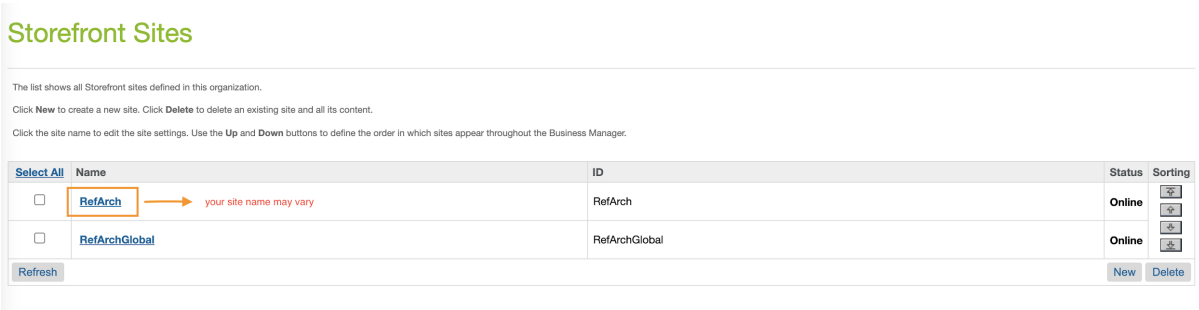
4. Update the cartridge path

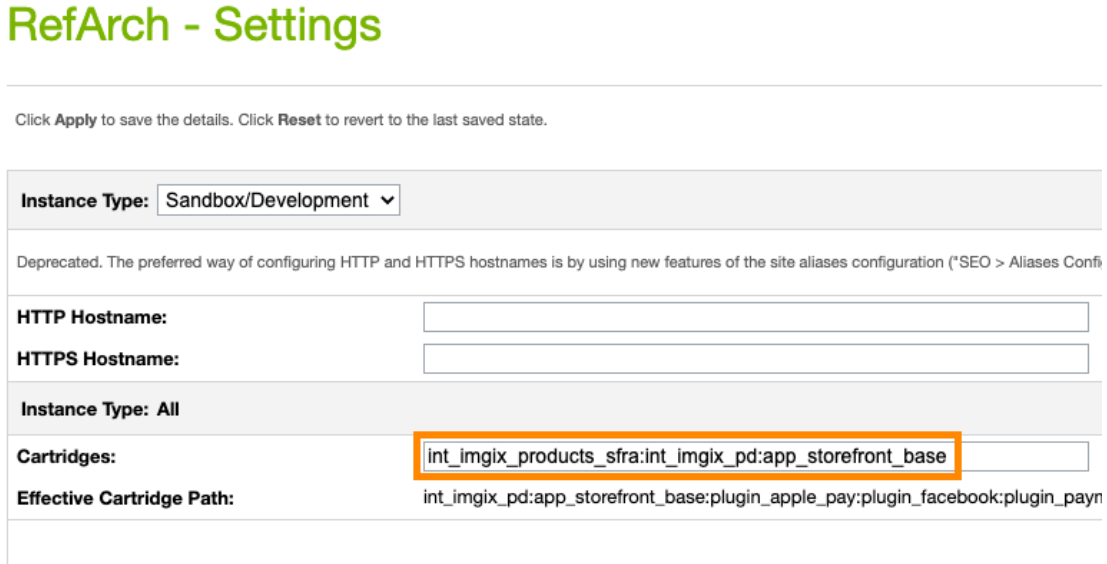
Once the cartridges are linked to your sandbox, the Business Manager and Site cartridge paths need to be updated to include them.

Go to Administration > Sites > Manage Sites and select the correct site.

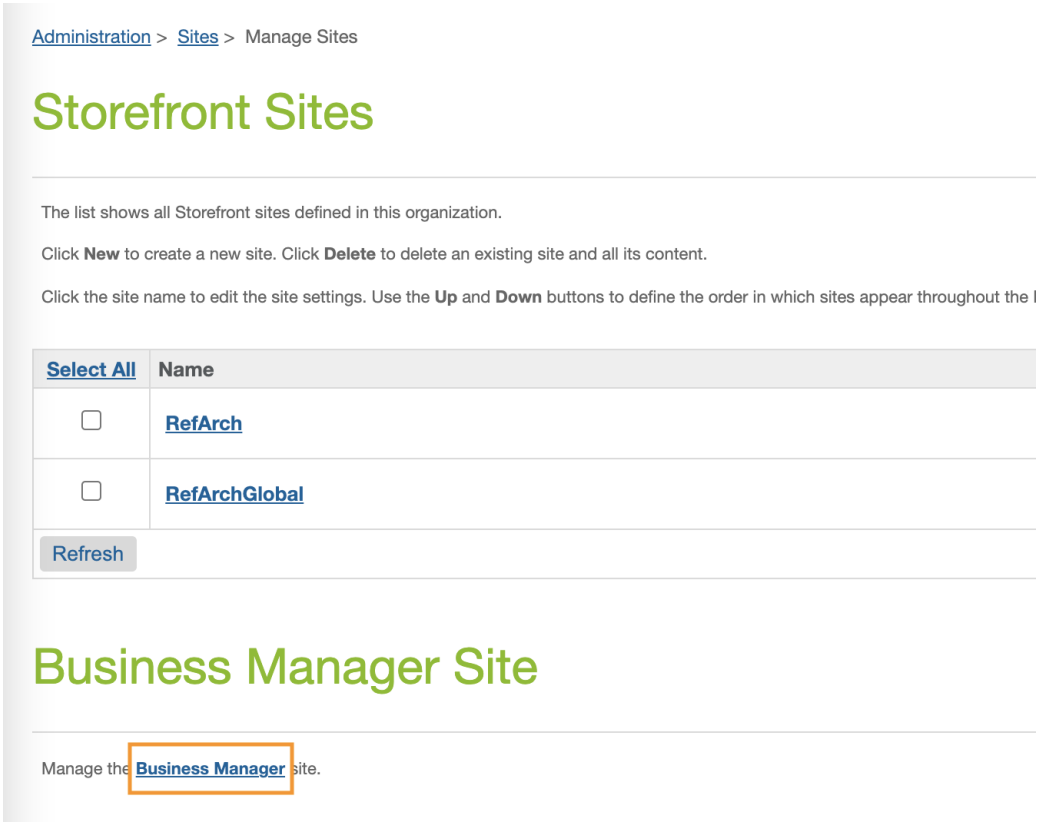


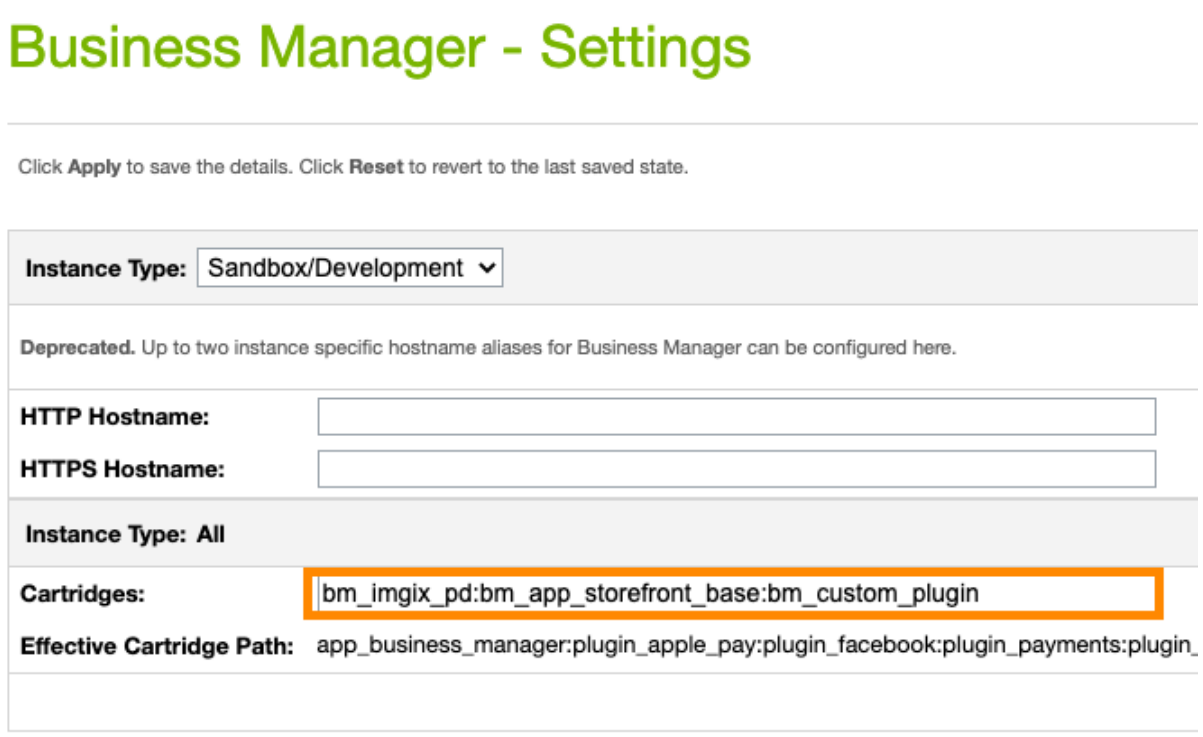
Then, browse to the Settings tab and add `int_imgix_pd` and `int_imgix_products_sfra` to the cartridge path.





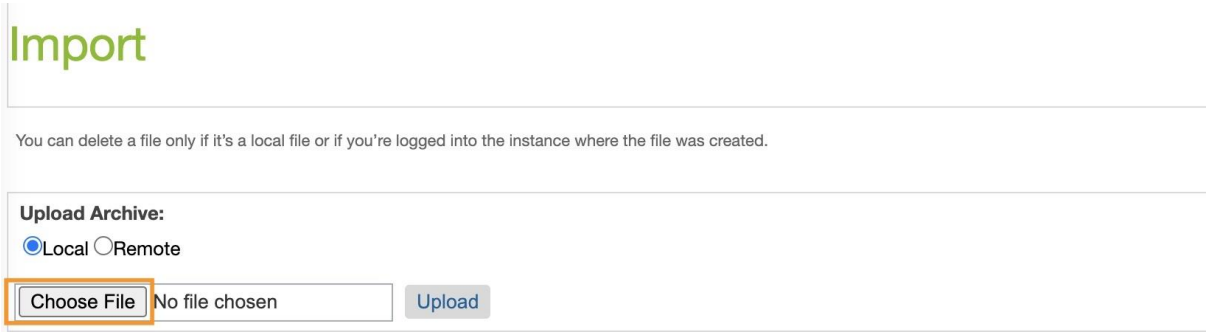
Next, go to Administration > Sites > Manage Sites > Business Manager > Settings and add `bm_imgix_pd` to the cartridge path.



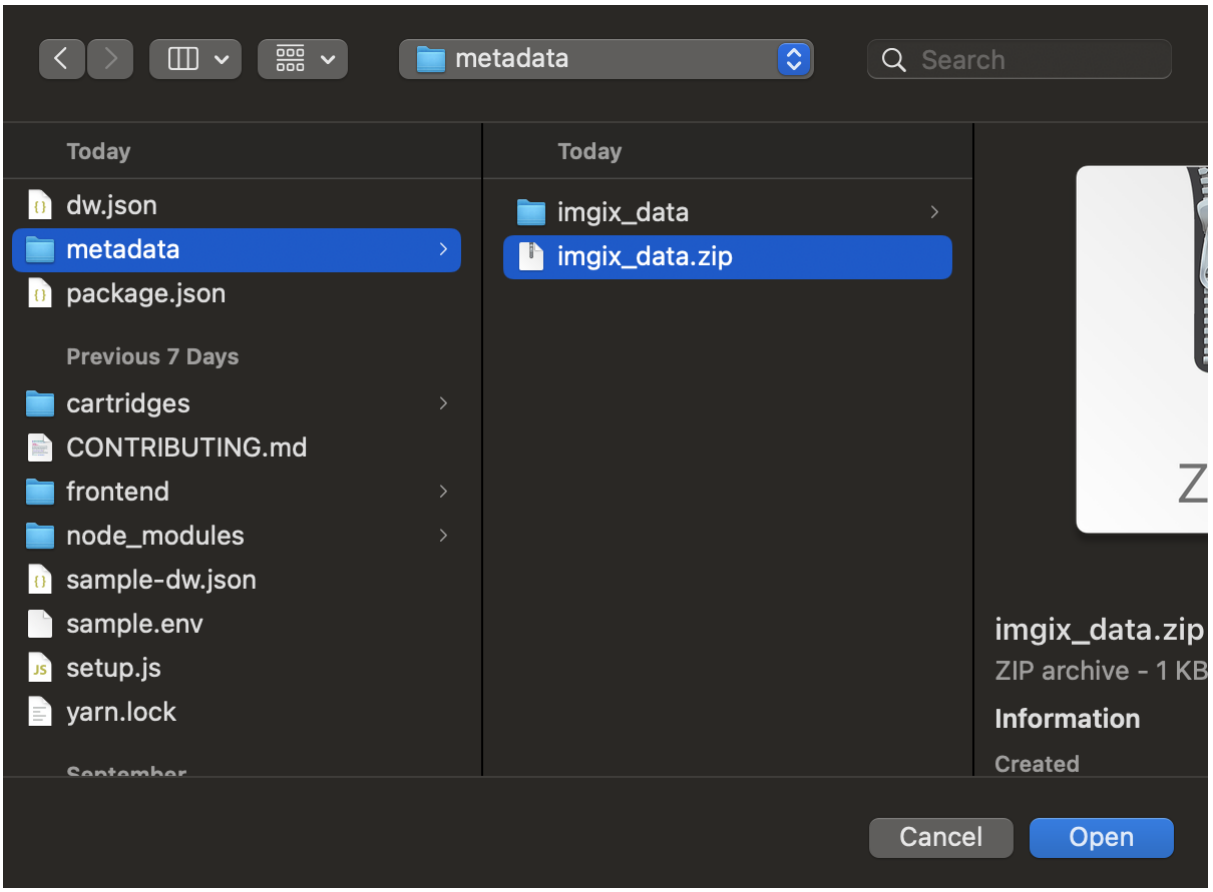


5. Upload custom imgix preferences metadata

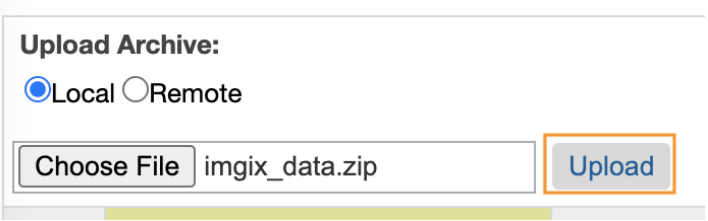
Go to Administration > Site Development > Site Import & Export. In the import section, select “Choose file”.



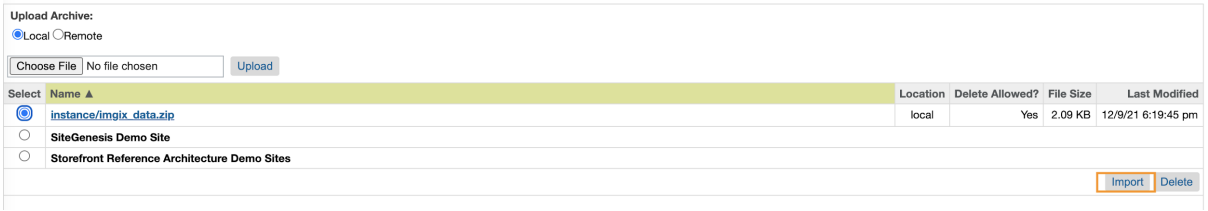
Select `imgix_data.zip` from the repository’s `metadata` folder and click Open.



Click Upload.



Then click Import.



And, finally, click OK.

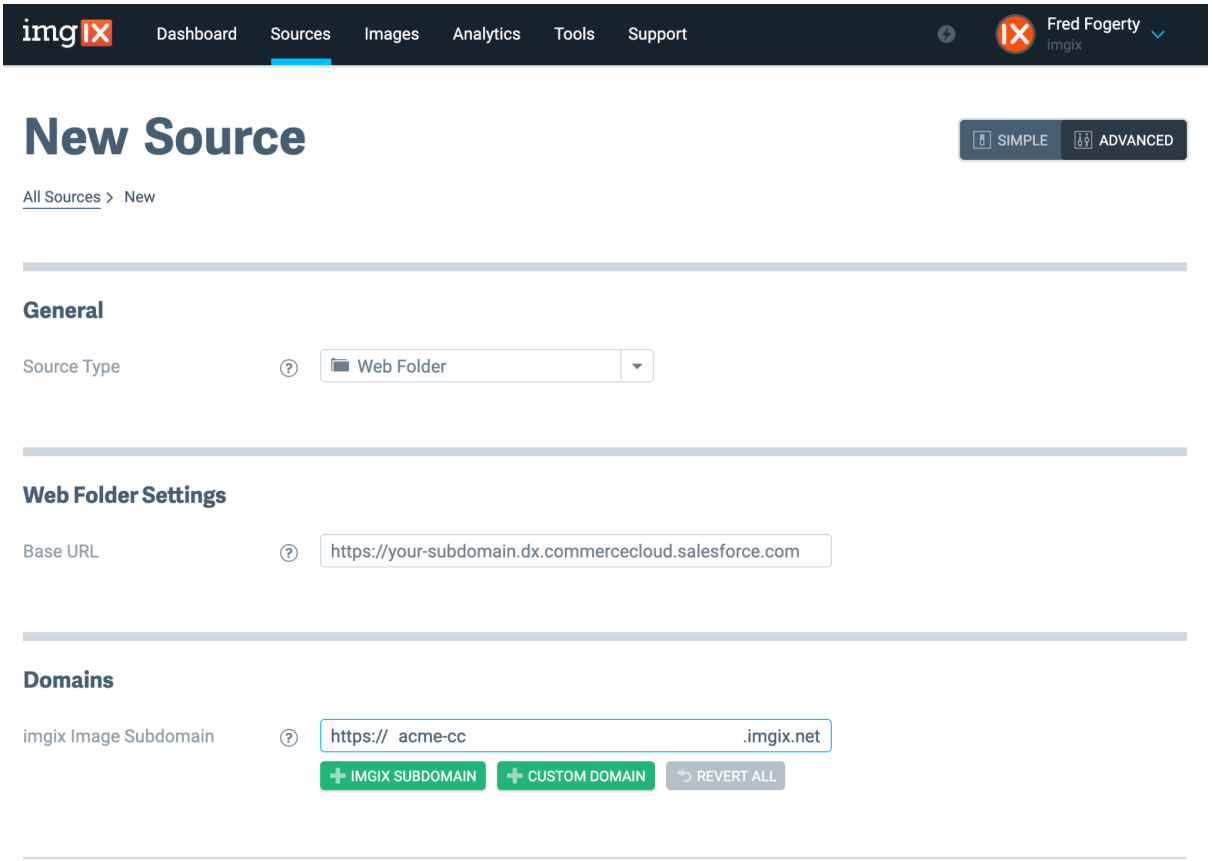
Create an imgix account

In order to use the cartridges, you need to have an imgix account. If you don't already have an imgix account, the easiest way to get started is to follow the steps outlined in the imgix Quick Start Guide. This guide covers how to sign up, create an imgix source, add images, and much more. You can also follow the steps outlined in the imgix Setup documentation page.

Creating an imgix source for product images

This section configures an imgix source to point to Salesforce in order to render product images through imgix. If you do not want this feature to be enabled, you can skip this step.

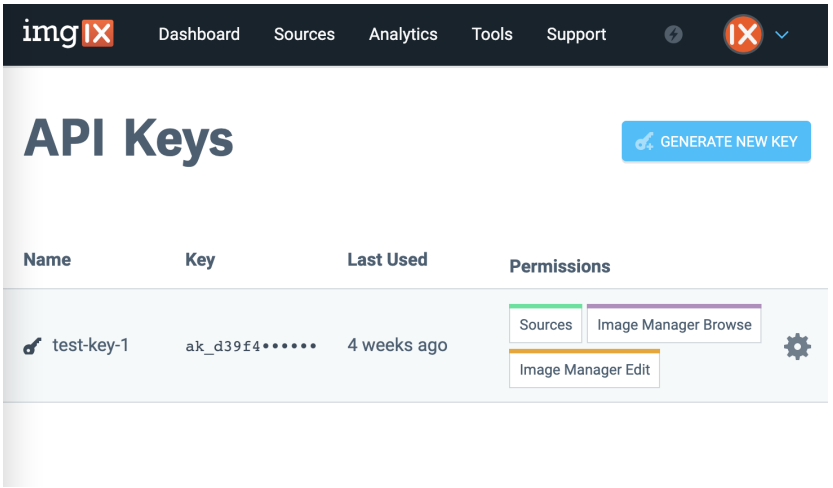
Go to the New Source page on the imgix dashboard, and configure the source as follows:
Source Type: Web Folder
Base URL: The public path to your Commerce Cloud instance. If the URL to your site is https://your-subdomain.dx.commercecloud.salesforce.com/on/demandware.store/Sites-RefArch-Site, then set this value to https://your-subdomain.dx.commercecloud.salesforce.com
imgix Image Subdomain: This can be anything you want



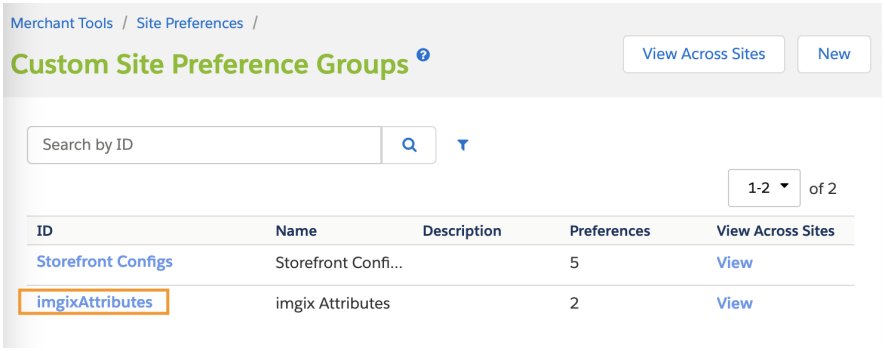
Then click Save. Keep the imgix subdomain noted somewhere for later.

Configure the Cartridge Site Preferences

First, you'll need to find your imgix account-specific API key. To create a key, navigate to the API Keys view in your Dashboard.



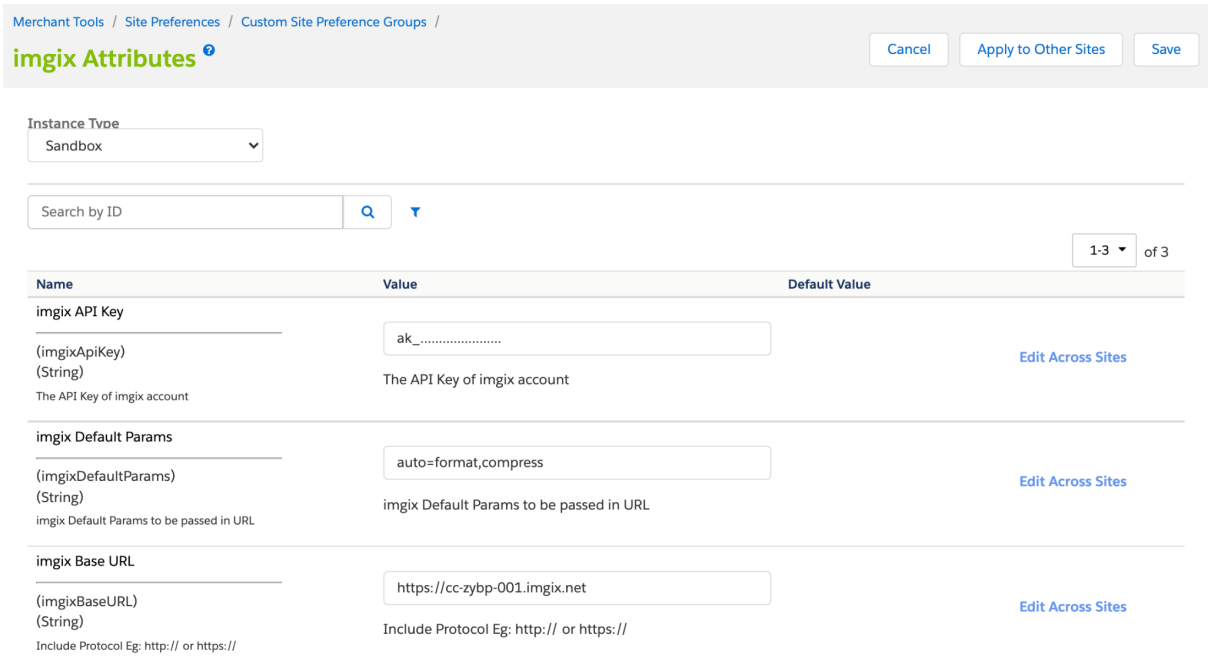
Next, go to Merchant Tools > Site Preferences > imgixAttributes.



Here you can enter your imgix API key and any default parameters you would like to apply to your image assets.

We recommend that you set the default parameters to `auto=format,compress`, which will ensure that imgix always delivers your images in the most performant format, and are compressed without sacrificing image quality.

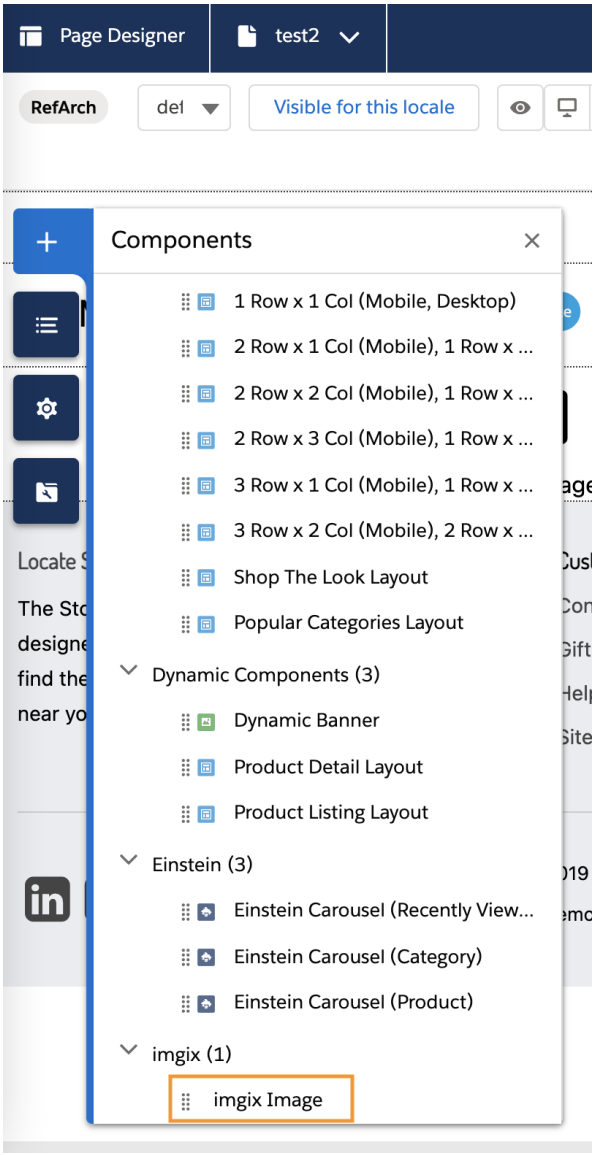
For the imgix Base URL field, set the value of the imgix subdomain you created in the "Creating an imgix source for product images" step. If you skipped that step, you can also skip this step. **Ensure that the value includes https://.**



Verifying that the installation was successful

To verify that the installation was successful, first, navigate to the Page Designer (Merchant Tools > Content > Page Designer) and select any page. Then, verify that "imgix Image" exists in the component dropdown. If yes, you're all set. If not, then please review the previous steps carefully, ensuring that:

- the correct site has been configured
- the cartridge path for **both** the relevant site **and** the Business Manager was set correctly
- the metadata was imported correctly
- the cartridges were uploaded correctly
- the correct code deployment version with the imgix cartridges is selected



Usage Guide

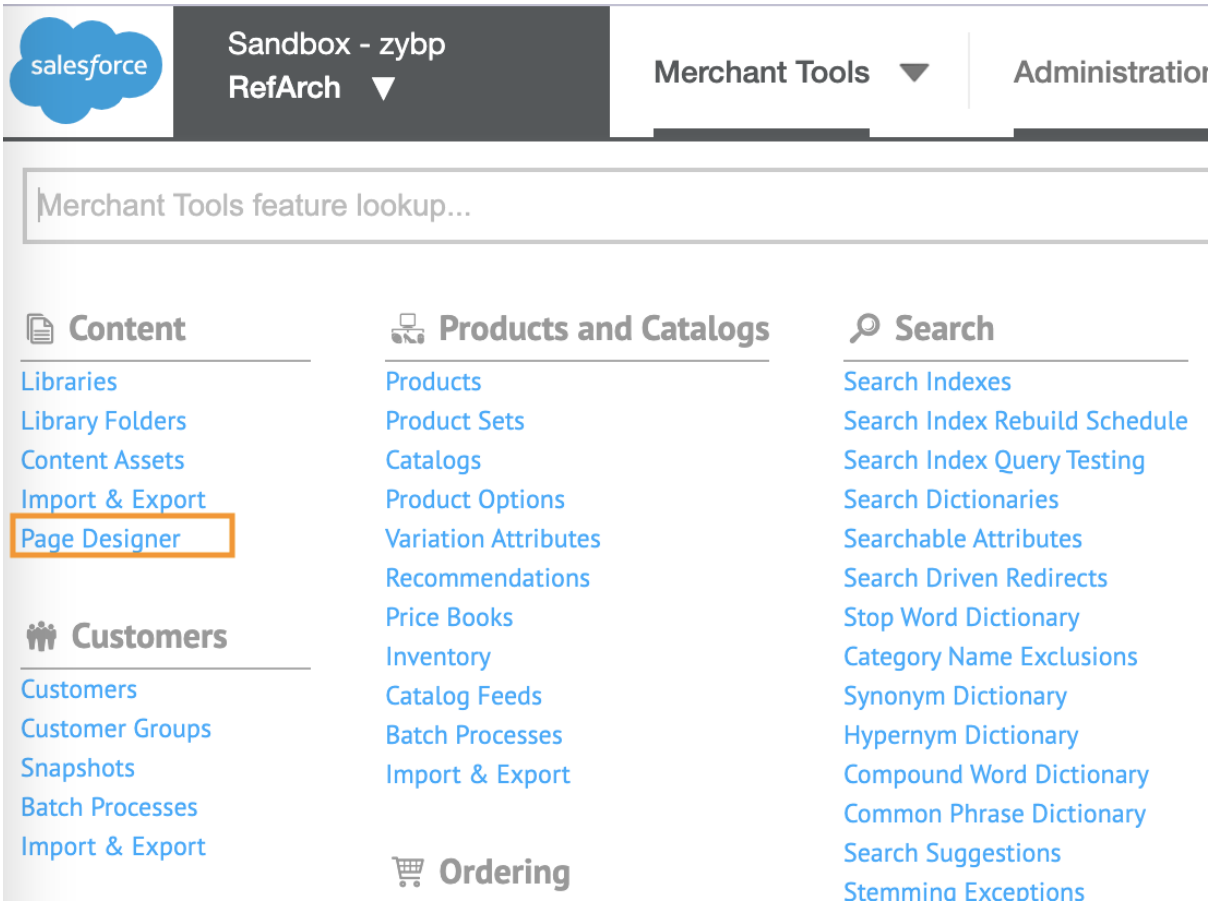
Access imgix Image Manager through Page Designer

Before you access the imgix Image Manager in the Page Designer, ensure you've followed the installation steps for adding the imgix LINK cartridge and API keys.

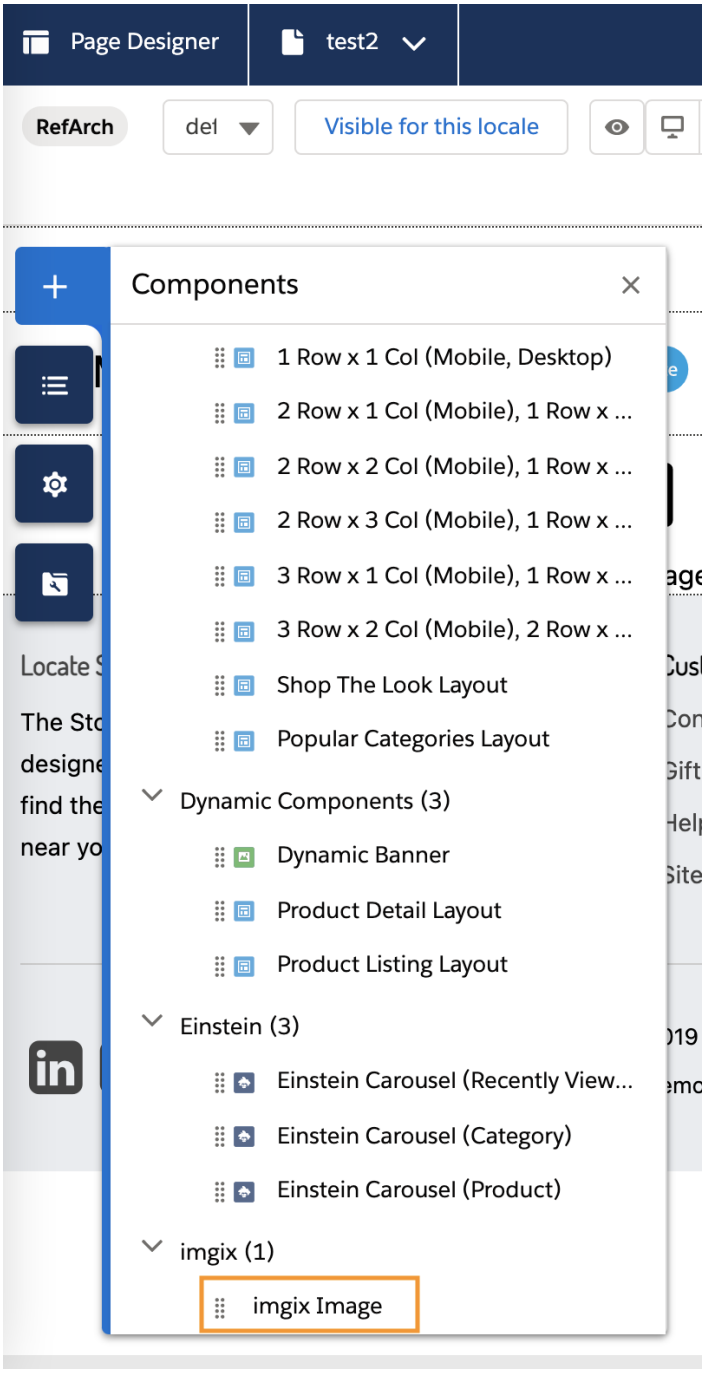
To open the imgix Image Manager in a Page Designer page, you need to add the imgix Image component.

Add the Page Designer imgix Image Component

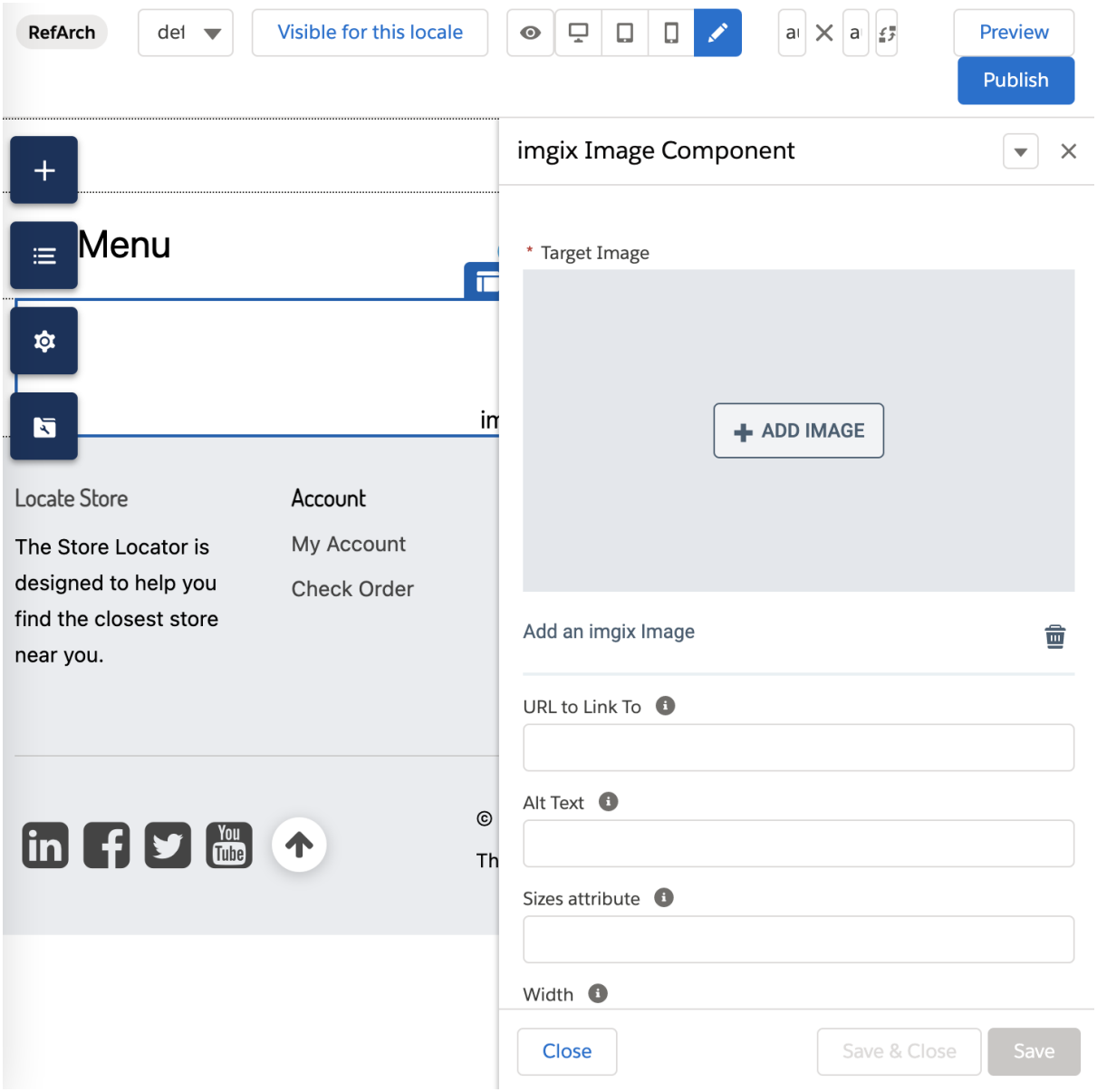
Go to Merchant Tools > Content > Page Designer and select or create a Page Designer page.



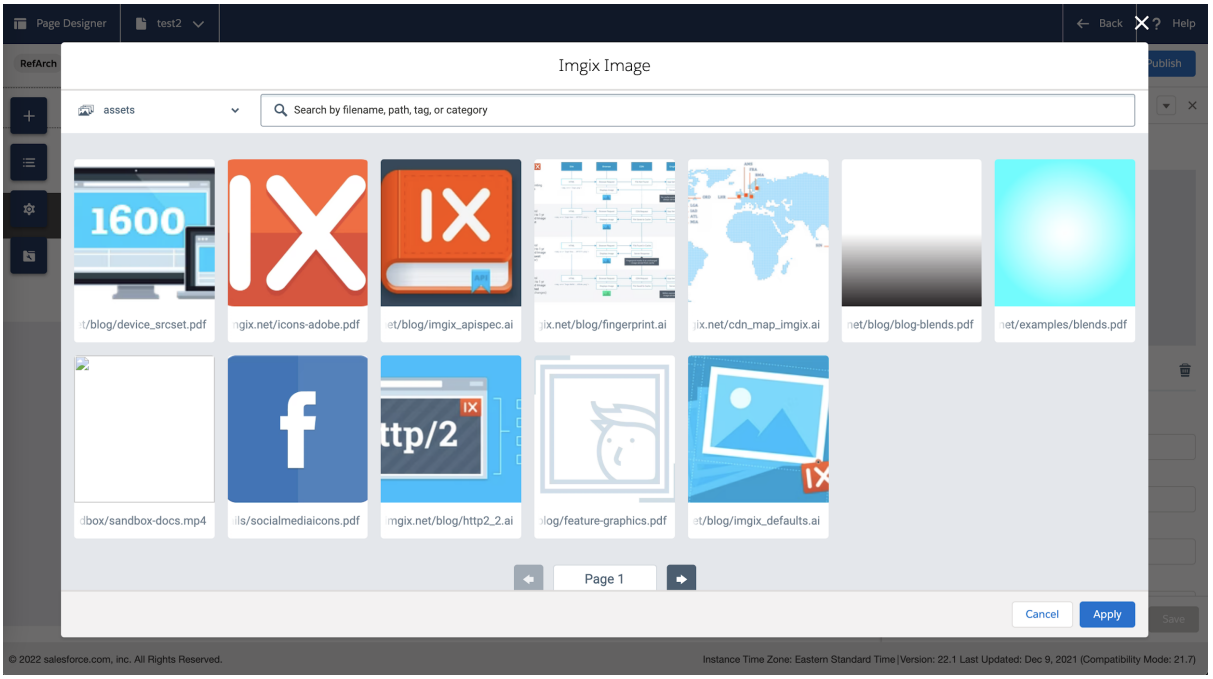
Once on the page, go to Components > imgix > imgix Image and drag it to the page.



Then, click on the imgix image component you just dragged onto the page. This will open the imgix Image Component editor.

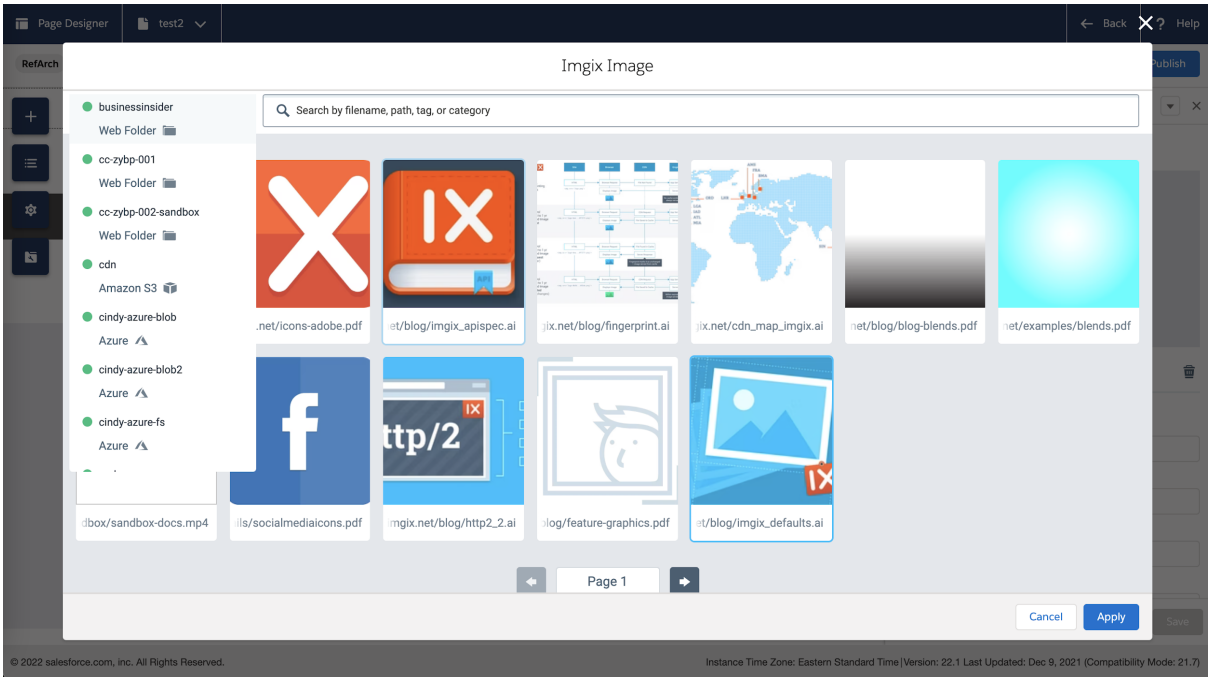


Then, click on Add Image. This will open the imgix Image Manager.



Select your image in Image Manager

The Image Manager automatically selects the first imgix source defined on your account. You can change sources by clicking on the current source to open the source-select dropdown.

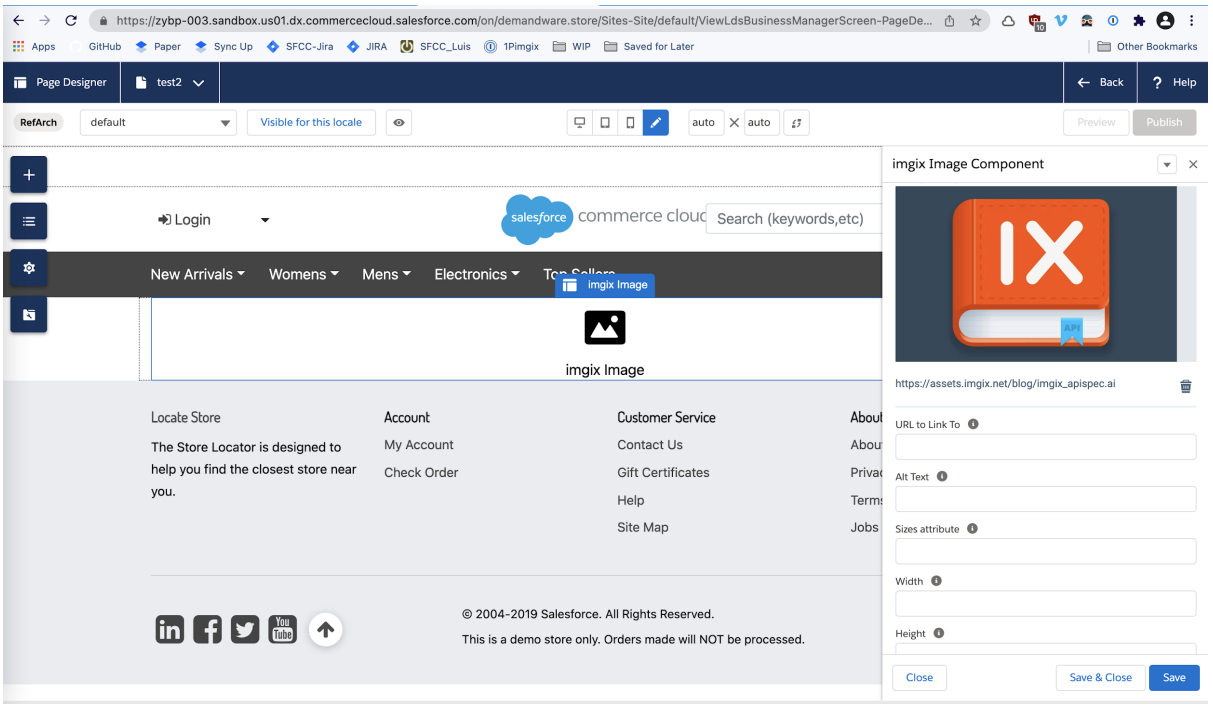


Once you've selected your imgix source, click on the pagination buttons or search for the image you want.

Once you've found the image you need, select it and click Apply to apply it as your current selection and close the Image Manager window.

Edit your image in the imgix Image Component editor

You can change/set the image's alt, sizes, width, size, and anchor tag URL attributes. You can also apply the imgix `format` transformation as either `auto` or `crop`.

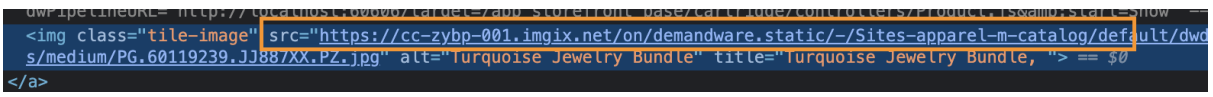


Save your changes

To save the image, its attributes, and transformation click Save. This closes the imgix Image Component editor sidebar and saves the image to the Page Designer page.

Integrating product images with imgix

If you have configured an imgix Base URL in your site preferences, then you are ready to integrate your product images with imgix. This integration works with product images by overriding the information that the SFRA models return. Therefore, once you have configured an imgix Base URL, your product images should already be proxied through imgix automatically. You can verify this by inspecting a product image on your storefront, and seeing that the URL should begin with your imgix source.



Failover/Recovery process

For information on the status of imgix services, please see our service status page (https://status.imgix.com/). Users can subscribe to service status updates for real-time changes.

In the event of an outage, any images cache on the CDN edge will continue to serve images that were previously requested via imgix. However, images that are requested for the first time during an incident will not be successfully served. Once an outage is resolved, image delivery should resume without direct action needed from the user. As a course of remediation, users may also choose to disable the imgix cartridge during an outage and pass images through in the default method.

In the situation where errors persist, please contact the imgix support team (support@imgix.com) for further assistance.

Specifications

imgix Cartridges Version

22.1.0

Locales

The imgix LINK cartridge is currently only explicitly supported in English storefronts.

Compatibility mode

21.7+

SFRA version

SFRA_AP_05_04_2021

Support

Please contact our support team (support@imgix.com) for any issues with the cartridge or imgix's service.